



Human health in a changing climate: A Canadian assessment of vulnerabilities and adaptive capacity

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Abstract:

Human Health in a Changing Climate: A Canadian Assessment of Vulnerabilities and Adaptive Capacity, represents the first comprehensive assessment of health vulnerabilities to climate change in Canada. It provides an up-to-date synthesis of knowledge on how the health of Canadians is affected by our climate today, and what may lie ahead under future climate change. The goal of this publication is to raise awareness of the health risks posed by climate change among those charged with protecting health. It is hoped that the results will provide guidance to the public health and emergency management communities and support their efforts to adapt plans, policies, and programs in order to prevent or reduce risks to health. The regional studies in this assessment show how multiple sectors, levels of government, and individual Canadians play important roles in protecting health. They also demonstrate the need to understand the effects of climate change on local and regional scales. -- Excerpted text.

Source:

<http://www.climateneeds.umd.edu/reports/Health%20Canada-Human%20Health%20in%20a%20Changing%20Climate.p>

Resource Description

Communication:

resource focus on research or methods on how to communicate or frame issues on climate change; surveys of attitudes, knowledge, beliefs about climate change

A focus of content

Communication Audience:

audience to whom the resource is directed

Policymaker, Researcher

Exposure :

weather or climate related pathway by which climate change affects health

Air Pollution, Ecosystem Changes, Extreme Weather Event, Food/Water Quality, Food/Water Quality, Temperature

Air Pollution: Allergens, Ozone, Particulate Matter

Extreme Weather Event: Drought, Flooding, Wildfires

Food/Water Quality: Biotoxin/Algal Bloom, Biotoxin/Algal Bloom

Climate Change and Human Health Literature Portal

Temperature: Extreme Heat

Geographic Feature: ☐

resource focuses on specific type of geography

None or Unspecified

Geographic Location: ☐

resource focuses on specific location

Non-United States

Non-United States: Non-U.S. North America

Health Impact: ☐

specification of health effect or disease related to climate change exposure

Cancer, Cardiovascular Effect, Infectious Disease, Injury, Mental Health/Stress, Respiratory Effect

Cardiovascular Effect: Heart Attack, Stroke

Infectious Disease: Foodborne/Waterborne Disease, Vectorborne Disease, Zoonotic Disease

Foodborne/Waterborne Disease: Cryptosporidiosis, E. coli, Giardiasis, Salmonellosis

Vectorborne Disease: Tick-borne Disease

Tick-borne Disease: Rocky Mountain Spotted Fever

Mental Health Effect/Stress: Stress Disorder

Respiratory Effect: Asthma, Chronic Obstructive Pulmonary Disease, Upper Respiratory Allergy

Mitigation/Adaptation: ☐

mitigation or adaptation strategy is a focus of resource

Adaptation

Model/Methodology: ☐

type of model used or methodology development is a focus of resource

Exposure Change Prediction

Population of Concern: A focus of content

Population of Concern: ☐

populations at particular risk or vulnerability to climate change impacts

Children, Elderly, Low Socioeconomic Status

Other Vulnerable Population: Chronically ill

Resource Type: ☐

format or standard characteristic of resource

Policy/Opinion

Timescale: ☐

time period studied

Long-Term (>50 years)

Vulnerability/Impact Assessment:

resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

A focus of content